

IN THE CLAIMS:

Please cancel Claims 17 to 19, 21, 24, and 25 without prejudice to or disclaimer of subject matter. Please add new Claims 26 to 33 as follows.

1. to 25. (Cancelled)

26. (New) A substrate having a wiring, wherein the wiring comprises a plurality of recesses arranged in a direction crossing the longitudinal direction of the wiring, and wherein the thickness of the wiring is 30 nm or more at the bottom of each of the plurality of recesses.

27. (New) The substrate according to claim 26, wherein the plurality of recesses is arranged at intervals of 200 μm or less in the direction crossing the longitudinal direction of the wiring.

28. (New) The substrate according to claim 26, wherein the distance between an end of the wiring and the recess adjacent to the end is 200 μm or less in a direction crossing the plurality of recesses and normal to the longitudinal direction of the wiring.

29. (New) The substrate according to claim 26, wherein the thickness of the wiring is 15 μm or less at the bottom of each of the plurality of recesses.

30. (New) The substrate according to claim 26, wherein each of the plurality of recesses is a groove extending in the longitudinal direction of the wiring.

31. (New) The substrate according to claim 26, wherein the wiring is provided by applying a paste-type material on the substrate, and thereafter heating the material.

32. (New) An electron source comprising:
the substrate according to claim 26; and
an electron-emitting device,
wherein the wiring is used in driving the electron-emitting device.

33. (New) An image display apparatus comprising:
the substrate according to claim 26;
an electron-emitting device; and
a phosphor for emitting light according to an electron emitted from the electron-emitting device,
wherein the wiring is used in driving the electron-emitting device.